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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: KANZAKI=1 In re Application of: Conf. No.: 8584 Yoshio KANZAKI Art Unit: 1714 U.S. Appln. No.: 10/590,569 Examiner: Not Yet Known Filed: August 24, 2006 Int'l No. PCT/JP2005/002939 Washington D.C. Filed: February 23, 2005 - For: PHOSPHORUS-ACID-GROUP-November 28, 2006 CONTAINING (METH) ACRYLAMIDE, ) ITS POLYMER AND USE THEREOF, ) AND THEIR PRODUCTION METHODS)

## INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents U.S. Patent and Trademark Office Customer Service Window Randolph Building, Mail Stop Amendment 401 Dulany Street Alexandria, VA 22314

## Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits or before the mailing of a first Office action after the filing of a Request for Continued Examination under 37 CFR §1.114.

- 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.
- 3. Documents <u>AC, AD, AE, AF, AG, AH</u> are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:
  - [X] An English translation of each document AC, AD,
    AE, AF, AG, AH (or of the pertinent portions
    thereof), or a copy of an English-language
    abstract (or claim) is enclosed.
  - [X] A concise explanation of the relevance of documents <u>AC</u>, <u>AD</u>, <u>AE</u> can be found in the specification as follows:

Document AC, page 39, paragraph [0162]

Document AD, page 2, paragraph [0004]

Document AE, page 1, paragraph [0002]

- 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).
- 5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the

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face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
U.S. Application No	. 10/590,569	Filed Aug. 24, 2006		
Int'i Appin. No. F	PCT/JP2005/002939	Filed: Feb. 23, 2005		
First Named Invento	or Y	Yoshio KANZAKI		
Group Art Unit		1714		
Confirmation No.		8584		
Attorney Docket Nu	mber	KANZAKI=1		

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2 (II</sup> known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	AA	US- 4,526,728	07-02-1985	FINKE et al.			
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		FORE	IGN PATENT DO	DCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if</i> known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰
	AB	WO-03/035013 A1	05-01-2003	DENTSPLY DETREY GmbH		
	AC	WO-02/033709 A1	04-25-2002	UNI-CHEMICAL CO. LTD.		Abs
	AD	JP-2004-331810	11-25-2004	UNI-CHEMICAL CO. LTD.		Abs
	ΑĒ	JP-10-251990	09-22-1998	ARAKAWA CHEM INC CO LTD		Abs
	AF	JP-2003-020308	01-24-2003	TOYOTA CENTRAL RES & DEV LAB INC.		Abs
	AG	JP-2003-022823	01-24-2003	NITTO DENKO CORP		Abs
	АН	JP-2003-257238	09-12-2003	NITTO DENKO CORP		Abs
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Examiner		Date		
Signature	 	Considered		

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\)For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.